

In the specification:

Insert the paper copy of the Sequence Listing filed herewith following the Oath/Declaration.

Replace the paragraph beginning at page 51, line 15 with the following rewritten paragraph:

Fluorescein-conjugated morpholino antisense DNA oligonucleotides (Gene Tools) targeting the start codon of centriolin (5'-TTTGTTGAGAACCTTTCTTCATTGC) (SEQ ID NO:24) were introduced into cells using the EPEI agent (Gene Tools). The inverse sequence was used as control.

Replace the paragraph beginning at page 51, line 29 with the following rewritten paragraph:

RNA was extracted and purified (Ologotex Direct mRNA miniKit, QIAGEN) and mRNA levels were assessed by the reverse transcription polymerase chain reaction (RT-PCR) with 10ml of mRNA using OneStep RT-PCR Kit (QIAGEN). Alpha tubulin was amplified in the same tubes as the experimental sample to serve as an internal control. PCR products were subjected to electrophoresis in 1% agarose gel and stained with ethidium bromide. Product authenticity was confirmed by DNA sequencing. Primers used were for pericentrin-B, forward 5'-AACACTCTCCATGATTGCCC-3' (SEQ ID NO:25) and reverse 5'-TACCCTCCCAATCTTTGCTG-3' (SEQ ID NO:26) (GenBank Acc. No. XM_036857).

Replace the paragraph beginning at page 52, line 25 with the following rewritten paragraph:

Centriolin and pericentrin-B mRNA levels were assayed by reverse transcription polymerase chain reaction (RT-PCR) using 10 µl mRNA (OneStep RT-PCR, Qiagen); α -tubulin served as an internal control in the same reaction. Alls products were sequenced. Primers: specific for pericentrin-B (and not pericentrin-A), forward 5'-AACACTCTCCATGATTGCCC-3' (SEQ ID NO:25) and reverse 5'-TACCCTCCCAATCTTTGCTG-3' (SEQ ID NO:26) (GeneBank Acc. No. XM036857); for human α -tubulin, forward 5'-

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AAAGATGTCAATGCTGCC-3' (SEQ ID NO:27) and reverse 5'-

TCCTCTCCTTCTTCCTCAC-3' (SEQ ID NO:28); for centriolin, forward 5'-

CCATCATCATCTCACTCTC-3' (SEQ ID NO:29) and reverse 5'-

CTTCCCTAACCATACTGG-3' (SEQ ID NO:30).